

Magnet Project API Documentation

Authentication & User Management APIs

Auth Routes

1. Register User

- **POST** /auth/register
 - **Description:** Register a new customer user.
 - **Body:**
 - `firstname` (string, required)
 - `lastname` (string, required)
 - `email` (string, required)
 - `phone` (string, optional)
 - `password` (string, required)
 - `country` (string, required)
 - `language` (string, optional, default: 'en')
 - **Response:**
 - 201 Created: User info + JWT token
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2. Register Business

- **POST** /auth/business-register
 - **Description:** Register a new business user (requires approval).
 - **Body:**
 - `firstname`, `lastname`, `email`, `password`, `crNumber`, `vatNumber`, `companyName`, `companyType`, `country`, `city`, `district`, `streetName`, `phone` (all required)
 - **Response:**
 - 201 Created: Business info (under review)
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3. Send Email OTP

- **POST** /auth/send-email-otp
 - **Description:** Send an OTP to a new email (fails if email already exists).
 - **Body:**
 - `email` (string, required)
 - **Response:**
 - 200 OK: Success message
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4. Send Phone OTP

- **POST** /auth/send-phone-otp
 - **Description:** Send an OTP to a new phone (fails if phone already exists).
 - **Body:**
 - `phone` (string, required)
 - **Response:**
 - 200 OK: Success message
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5. Confirm OTP

- **POST** /auth/confirm-otp
 - **Description:** Confirm an OTP for email or phone verification.
 - **Body:**
 - `identifier` (string, required)
 - `otp` (string, required)
 - **Response:**
 - 200 OK: Email/Phone verified
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6. Login

- **POST** /auth/login
- **Description:** Login with email/phone and password.
- **Body:**
 - `identifier` (email or phone, required)
 - `password` (string, required)

- **Response:**
 - 200 OK: User info + JWT token
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7. Login with OTP

- **POST** /auth/login-with-otp
 - **Description:** Request an OTP for login (email or phone).
 - **Body:**
 - identifier (email or phone, required)
 - **Response:**
 - 200 OK: OTP sent
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8. Forgot Password

- **POST** /auth/forgot-password
 - **Description:** Change password for authenticated user.
 - **Headers:** Authorization: Bearer <token>
 - **Body:**
 - newPassword (string, required)
 - **Response:**
 - 200 OK: Password updated
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User Routes

1. Get Current User Profile

- **GET** /users/profile
 - **Description:** Get the profile of the authenticated user.
 - **Headers:** Authorization: Bearer <token>
 - **Response:**
 - 200 OK: User info
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2. Update User Profile

- **PUT** /users/profile
 - **Description:** Update the profile of the authenticated user.
 - **Headers:** Authorization: Bearer <token>
 - **Body:**
 - firstname, lastname, email, phone, country, language (all optional)
 - **Response:**
 - 200 OK: Updated user info
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3. Get All Business Registration Requests

- **GET** /users/business-requests?status=pending&page=1&limit=10
 - **Description:** Get paginated business registration requests (admin/employee only).
 - **Headers:** Authorization: Bearer <token>
 - **Query Params:**
 - status (optional, default: 'pending')
 - page (optional, default: 1)
 - limit (optional, default: 10)
 - **Response:**
 - 200 OK: List of businesses (paginated)
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4. Approve/Reject Business Registration

- **POST** /users/business-approval
 - **Description:** Approve or reject a business registration (admin/employee only).
 - **Headers:** Authorization: Bearer <token>
 - **Body:**
 - businessId (string, required)
 - status (string, required: 'approved' or 'rejected')
 - reason (string, optional, required if status is 'rejected')
 - **Response:**
 - 200 OK: Business approval status
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5. Get Business Details by ID

- **GET** /users/business/:businessId
 - **Description:** Get details of a business user by ID (admin/employee only).
 - **Headers:** Authorization: Bearer <token>
 - **Params:**
 - businessId (string, required)
 - **Response:**
 - 200 OK: Business info
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6. Get Business Profile (for Business Users)

- **GET** /users/business-profile
 - **Description:** Get the profile of the authenticated business user.
 - **Headers:** Authorization: Bearer <token>
 - **Response:**
 - 200 OK: Business user info
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7. Favourites APIs (Customer Only)

- **POST** /users/favourites/:productId
 - **Description:** Add a product to the customer's favourites.
 - **DELETE** /users/favourites/:productId
 - **Description:** Remove a product from the customer's favourites.
 - **GET** /users/favourites
 - **Description:** Get all favourite products for the customer.
 - **Headers:** Authorization: Bearer <token>
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8. Cart APIs (Customer Only)

- **POST** /users/cart
 - **Description:** Add a product to the customer's cart or increase its quantity.
 - **Body:** { productId, quantity }
 - **DELETE** /users/cart/:productId
 - **Description:** Remove a product from the customer's cart.
 - **PUT** /users/cart/:productId
 - **Description:** Update the quantity of a product in the customer's cart.
 - **Body:** { quantity }
 - **GET** /users/cart
 - **Description:** Get all products in the customer's cart.
 - **Headers:** Authorization: Bearer <token>
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Product Routes

1. Get Products

- **GET** /products
 - **Description:** Get all approved products (public, any user can call).
 - **Response:**
 - 200 OK: List of products
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2. Add Product

- **POST** /products
 - **Description:** Business user adds a new product (pending approval).
 - **Headers:** Authorization: Bearer <token>
 - **Body:**
 - title, description, image, price, rate, amount, inStock (all required except image and rate)
 - **Response:**
 - 201 Created: Product info (pending approval)
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3. Update Product

- **PUT** /products/:productId
- **Description:** Business user updates their own product (pending approval).

- **Headers:** Authorization: Bearer <token>
 - **Body:**
 - title, description, image, price, rate, amount, inStock (all optional)
 - **Response:**
 - 200 OK: Updated product info (pending approval)
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4. Product Approval

- **POST** /products/product-approval
 - **Description:** Admin/employee approves or rejects a product.
 - **Headers:** Authorization: Bearer <token>
 - **Body:**
 - productId (string, required)
 - status (string, required: 'approved' or 'rejected')
 - **Response:**
 - 200 OK: Product approval status
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5. Delete Product

- **DELETE** /products/:productId
 - **Description:** Business user deletes their own product, or admin/employee deletes any product (sends email to business user on delete).
 - **Headers:** Authorization: Bearer <token>
 - **Response:**
 - 200 OK: Product deleted
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Notes

- All endpoints require authentication unless stated otherwise.
 - Role-based access is enforced for some endpoints (Admin, Employee, Business, Customer).
 - For endpoints that update or approve/reject, validation middleware is used.
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For more details or example requests, refer to the code or request further examples.